It is Sunday the 12th November 2006 and here is ANARTS with our weekly RTTY broadcast bringing you - cast 1422.
Views expressed in this news bulletin are not necessarily
those of the Broadcast Officer, the Relay Officers, or of
the Society.
Items in this broadcast include
1. News item
2. IPS REPORT
2. VK2SG RTTY DX report
4. OPDX News
5. ARRL DX News
6. Anarts Information
A.N.A.R.T.S. News Bulletin 1422 for 12th of November 2006
Plans to launch a second "SuitSat" spacesuit-turned-satellite were the subject of discussions and presentations at the recent AMSAT Space Symposium and Amateur Radio on the International Space Station (ARISS) International Delegates' meeting near San Francisco. Despite a weaker-than-anticipated 2-meter signal, SuitSat-1 -- a surplus Russian Orlan spacesuit fitted with an Amateur Radio transmitter -- sparked the imagination of students and the general public and turned into a public relations bonanza for Amateur Radio. ARISS now hopes to capitalize on the concept by building an even better SuitSat that will include ham radio transponders.
The next-generation SuitSat also will re-use another surplus Orlan spacesuit. Lou McFadin, W5DID, who headed the SuitSat-1 hardware team, told the AMSAT Space Symposium that SuitSat-2 will incorporate some features his team didn't have the chance to accomplish the first time around. For starters, the second SuitSat will have an onboard Amateur Radio transponder using digital signal processing (DSP) techniques. McFadin says the team is looking at SuitSat-2 as a test bed for the hardware that AMSAT plans to launch on its Phase 3E "Eagle Project" satellite, which will employ software defined radio (SDR) technology.
"With DSP, we can do more than one thing at once," he said. Among them are an SSB Mode U/V transponder, an FM crossband transponder, a CW ID that offers a contest for listeners to copy as many of the call signs as possible, a digipeater and four slow-scan TV (SSTV) cameras. Other experiments are yet to be determined. Solar panels -- something SuitSat-1 did not have -- will energize the hardware and recharge SuitSat-2's batteries.
An ISS crew could launch SuitSat-2 during a spacewalk as early as next fall. It could have an operational lifetime of six months or longer.
"We're going to have so much fun with this," McFadin predicted, adding that one goal of SuitSat-2 will be to attract newcomers to Amateur Radio.

IPS Weekly Solar and Geophysical Report for 3rd to 9th November, issued on 10th November by the IPS Radio and Space Services
SUMMARY

Date	03	04	05	06	07	08	09
10cm flux	87	86	85	84	87	86	89
AFr index	5	4	3	1	0	0	(8 estimated)
Aaus index	9	7	7	3	1	2	(9 estimated)
T index	11	-2	-1	19	10	9	8

Solar flare activity was very low on 3rd, 4th, 8th and 9th; and low on 5th, 6th and 7th.
Geomagnetic activity observed for the Australian Region was quiet to active on 3rd and 9th; quiet to unsettled on 4th and 5th; and quiet on 6th to 8th.
Southern Australian Ionospheric F2 critical frequencies were near predicted on 3rd, and 6th to 8th; depressed 15 per cent to near predicted on 4th and 5th; and mostly near predicted to 20 per cent enhanced on 9th.
Forecast for 10th to 16th November
Solar activity should be low.
Geomagnetic activity should see quiet to unsettled conditions.
Frequencies should be near predicted monthly values; with variable depressions possible mainly at low latitudes.
courtesy of the IPS Radio and Space Services

summary by Pat VK2JPA ANARTS Broadcast Officer

RTDX1109 RTTY DX
VK2SG RTTY DX NOTES for week ending 09 November (BID RTDX1109)
Our information this week came from AA5AU, I5FLN, DJ3IW, UT5RP, GB7DXG and
the OH2AQ DX Summit.
Thank you all.
Bandpass
Friday 03

0001-10142	J3/DL5AXX
0012-14086	CE1VCZ
0037-7038	UR5II
0215-7038	J3/DL5AXX
0240-3582	KJ4JC
0314-7039	HP1JRA
0711-14083	P29SS
1027-21081	CN8SG
1130-18101	P29SS
1202-18103	9A3JB
1233-14083	CN8IG
1352-14082	M1VGP
1354-18101	TI8II
1404-14080	VK6DU
1414-14085	XE3RBA
1432-21080	TU5JM
1504-14084	XF4DL
1600-14081	CO3JN
1714-10143	4Z5PN
1739-21084	TI8II
1751-14083	CN8IG
1924-10143	IK5CBE
2053-18102	XF4DL
2247-14082	TG9AKH
2325-14087	VP8DIZ

Saturday 04

0128-10142	DT8A
0158-14084	XU7ABN
0442-14081	9K2YM
0538-14083	LU7YZ
0828-14080	OL40JAZZ
0841-14078	TF3PPN
0937-21086	VR2XMT
1013-21080	P29SS
1025-14083	UN8PIM
1037-14094	EC8AUZ
1202-24922	CT1XK
1204-24922	TF3YH
1210-24922	OH2BF
1242-18102	EF5CPB
1246-18103	SP4AJ
1252-18101	LX8DL
1254-14080	7X0RY
1258-18102	DB1DT
1306-18102	RA3CQ
1317-21085	4X6UO
1326-18104	YL2GP
1334-21089	HA1ZH
1351-21085	GW4SKA
1424-18104	TI8II
1432-14112	MW0CRI
1452-14095	YB2ECG
1500-14080	E21YDP
1508-14085	XF4DL

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1514-14084      G3RSD
1522-18103      CN8KD
1610-18104      OM50KKF
1616-18090      CT1EER
1625-21085      TI8II
1656-18105      DT8A
1728-14079      7X0RY
1737-14086      YM125ATA/4
1740-14091      8P9NX
1758-18104      W0EK
1759-18105      EC1CTV
1830-14102      FM5JC
1950-7030       UN6P
2027-7040       7X0RY
2118-3525       HS0ZEE
2252-3583       Z31MM
2313-3602       KA3PVA
2346-7042       GW4SKA
2349-7040       YV5AAX
Sunday 05
0004-1842       RK9JWR
0016-3581       RK9JWR
0023-3586       7X0RY
0025-1837       Z31MM
0147-3592       8P9NX
0211-28082      VR2BG
0351-28081      UN6P
0504-28082      E21YDP
0528-21088      UN7PV
0548-14096      VR2BG
0550-21088      ER3ZZ
0712-21083      7X0RY
0723-18105      EK6VA
0802-24923      JM1LQW
0821-21080      TF3DF
0833-21088      YB5AQB
0843-21078      UK7F
0848-21077      E21YDP
0947-10136      DL3VDL
1002-18102      CN8IG
1010-28089      9A7R
1017-18103      TF3PPN
1022-18102      CN8IG
1232-14083      VK6DU
1253-21083      EA9IB
1325-14087      OY7UE
1404-18100      DL2KUQ
1417-18104      RA6GW
1420-18103      IK5UAN
1421-18103      EA1AE
1422-18102      EA7CWA
1424-18105      EA3NO
1430-18102      LX8DL
1455-18100      PH0AQW
1457-14084      LX8DL
1512-14084      G6PZ
1515-18100      VP8DIZ
1529-18105      TI8II
1533-14087      9H1SP
1548-14081      LZ13ARDF
1610-18106      IK5UAN
1624-14085      E51PDX via W7YAQ
1624-18108      G3KMQ
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1636-18104      CN8IG
1638-18105      TI8II
1744-24910      W0EK
1753-24909      XE2YWB
1808-24921      TI8II
2031-1837       TK/DL2SBY
2148-18103      TG9AKH
Monday 06
0603-14083      V63VE
0644-14082      ES3RFL
1005-18105      RA1OGP
1023-14080      HA508AL
1134-21081      TU5JM
1135-24920      4N1SD
1157-18103      R1FJT
1215-10142      JA8NFV
1353-14087      ON25CLM
1417-14084      TF3FK
1522-14082      IM0MBP
1720-21085      TI8II
2156-18103      N4PJ
2201-14084      XE3RBA
2327-18098      E51PDX
Tuesday 07
0142-7038       VO1BE
0152-21100      E51PDX
0547-14085      9Q1D via SM5BFJ
0620-14081      TK/HA0HW
0746-14081      9K2YM
0802-21090      6K5AYC
1017-14092      MW0CRI
1108-21087      MW0CRI
1242-14085      TK/DL2SBY
1253-21080      PY2DN
1316-14087      YB5AQB
1318-21080      3XM6JR
1326-14085      EK6VA
1334-14087      UN8PIM
1400-10138      TK/DL2SBY
1401-14085      LX8DL
1406-10140      4L1FP
1424-14085      IM0MBP
1434-14081      TF3PPN
1605-18102      OM5TX
1646-14084      E51PDX
1702-21085      CN8SG
1758-14086      TI8II
1812-10141      IW3SQY
1828-3582       RA3PLQ
2025-7033       9K2SR
2118-14083      HK6PSG
2243-14086      HK4QMH
Wednesday 08
0631-14083      9K2SR
0846-14086      UN8PIM
0926-10141      E51PDX
0944-14086      R1FJT
1127-14081      TF3JX
1141-10135      SA3ANZ
1153-18103      3A2MW
1154-18103      OK1AHG
1201-18103      I2WDB
1346-21085      TI8II
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1414-14082      TF3PPN
1454-21085      FM5AA
1609-14086      EA8AHC
1623-14090      TF3FK
1635-14085      EA9IB
1636-14092      YB0YAD
1708-18100      TI8II
1712-14081      TR8CA
1733-18105      F6BUM
1739-14084      KP4FKN
1747-18104      CN8IG
1752-18106      EA8/DL2AXA
2104-7037       YM125ATA
2138-3580       YM125ATA
2237-14083      XE3RBA
Thursday 09
0018-14085      E51PDX
0109-7038       YM125ATA
0405-18108      KH2F
0643-14084      VK2KM
0652-14088      9K2SR
0731-18107      RA9SC
0737-7047       YV1RDX
0945-14081      KH2F    via JA2TBS
1024-14084      TF3FK
1309-14081      3A2MW
1311-10143      KH2F
1317-14082      3XM6JR
1343-10141      R1FJT
1343-21085      TI8II
1344-18103      N2FF
1352-14083      YI1OM
1358-14080      CN8IG
1409-21082      G4UWW
1414-14081      TF3FK
1507-18101      OM5TX
1509-18105      TI8II
1509-18105      I0OWO
1511-18104      EA1BXN
1514-14082      EA8ALD
1637-14084      4Z5PN
Notes of interest:
This weekend is the WAEDC RTTY Contest.
For the full rules see www.waedc.de
ZA Albania - 08 Nov to 13 Nov. By DL2RMC DL1RTL as ZA/homecall; QRV for WAE
RTTY Contest
QSL via home calls.
5H Tanzania - 07 Nov to 22 Nov. Look for I5JHW from Zanzibar Is (AF-032)
QSL home call, bureau or direct.
V63 Micronesia - 09 Nov to 14 Nov. By JA1KJW JA1JQY JI1FOP JA8VE as V63JQ
V63JY V63OP V63VE from Chuuk Is (OC-011);
QSL via home call except V63VE via JF1OCQ
5A Libya - 14 Nov to 29 Nov. Look for 5A7A by an international team who will
be QRV for CQWW CW, but will do some RTTY before the contest.
QSL is via DL9USA.
HK0 San Andres - 15 Nov to 01 Dec. Gerd DL7VOG will be QRV from San Andres
as HK0GU.
QSL direct or bureau.
QSL Routes:
E51PDX via W7YAQ
ROBERT S NORIN
14170 SW 119TH PLACE
TIGARD OR 97224
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USA
9Q1D via SM5BFJ
LEIF HAMMARSTROM
LERKLOCKAN 4
SE-730 91 RIDDARHYTTAN
SWEDEN
KH2F via JA2TBS
MASAO KATO
2-151,YAMAKI,NISHI,
NAGOYA,452-0833
JAPAN
The VK2SG RTTY DX NOTES are distributed every week via the
Winlink network, and are also available on the Internet at
URL http://mailman.qth.net/mailman/listinfo/vk2sg-rtty
and the digital-dx reflector.
To subscribe to the digital-dx reflector, send an e-mail
message to majordomo@mla.nifty.ne.jp as follows:
Subject:(blank) Message Body: subscribe digital-dx
For next week's bulletin, send your bandpass and notes of
interest to Luciano, I5FLN at e-mail: luciano.fusari@alice.it
73 es Good RTTY DXing
Phil Cooper GU0SUP email pcooper@guernsey.net

The Ohio/Penn DX Bulletin No. 783 - excerpts
5A, LIBYA (Topband Activity)
An international team of operators will activate Libya between November 15-29th,
using the callsign 5A7A (See OPDX.765 and OPDX.774). Rudi, DK7PE, one of the
5A7A operators, announced this past week the following frequency combination
will be used during their 160m operations:
* During JA openings - TX frequency will be 1.821 MHz (QSX 1.825 MHz).
* After the JA window is closed they may change to 1.824.5 MHz (QSX up 5) for
North America in case 1.821 is covered there with QRM.
D4, CAPE VERDE
Operator Luca, IK2NCJ, will be active as D44AC during the CQWW DX CW Contest
(November 25-26th) as a Single-Op/Single-Band entry.
NORTH COOK ISLANDS
Operators Bill/N7OU and Bob/W7YAQ are now active from Penrhyn Atoll (OC-082) as
E51PEN and E51PDX, respectively, until November 18th. Activity will be on 160-10
meters, mostly on CW, but with some SSB and RTTY. They will be running 100 watts
and verticals. QSL via their home callsigns. ADDED NOTE: Operators Mike/KM9D and
Jan/KF4TUG, who have been active as E51QMA from Penrhyn Atoll (OC-082) this past
week, are expected to be QRT by the time you read this. They plan to set sail
towards Christmas Island (T32). QSL via OM2SA.
IOTA NEWS
AS-115. Berkin, TA3J, will be active as TA3J/0 from Antalya - Sican Adasi (Rat
Island, MIA MTC-099, Grid: KM56JU), between November 11-26th (weather
permitting). Activity will be on 160, 80, 40, 20, 15, 10, 2 meters and the WARC
bands; on all modes. QSL via Nilay, TA3YJ, direct (only SASE and 1 IRC, no green
stamps please) or by the bureau. No eQSL. SWL QSL cards are OK. The TA3J/0 Web
Page is:
http://www.geocities.com/ta3j0/1
EU-113. A team of Greek operators, all members of the Radio Amateur Association
of Greece (http://www.raag.org), are planning a DXpedition to the rocky islet of
Falkonera (MIA MG-087) from the Lighthouse there (ARLHS: GRE 012, WLOTA: L0740
and TWLHD-WLH: SV-029) between November 15-19th. They will use the special
callsign SX8F. Operators mentioned are: Cliff/SV1JG, Nikiforos/ SV1EEX,
Theodor/SV1GRM, Lykourgos/SW1GZL, Sotirios/SV1HER, Dionisios/SV1HHC and
Makis/SV1IZR. The team believes this will be the first activation of the rocky
islet of Falkonera and of the Lighthouse too. There are not any inhabitants on
the island. Activity will be on 160-6 meters plus VHF, UHF and SHF. They plan to
bring plenty of equipment and antennas. Operations will include
CW/SSB/PSK/FSK441/FM.
OC-146. Operator Pele, YB8TAF, will be active from Celebes [Sulawesi] Island

(WLOTA LH-2246) as YB8TAF/p from November 9-14th. His activity will also include an entry in the JIDX Contest (November 11-12th). QSL via EA5KB (QRZ.com).
OA, PERU
Martijn, PA3GFE, will be active as OA#/homecall from now until December 10th. Activity will be on 40-10 meters. He is expected to be active as OA4O during the CQWW DX CW Contest (November 25-26th). QSL via his homecall.
TI, COSTA RICA
Dick, W0RAA, reports that he will be leaving on November 21st for Costa Rica as a member of a team for the CQWW DX CW Contest. He is expected to be active before the contest signing as TI5/W0RAA, and will operate RTTY on 14085 kHz () and PSK31 on 14070 kHz (). Dick may also be active on some SSB and will try to operate split (listening UP). He hopes to hand out Costa Rica on PSK31 and RTTY, which he believes is needed by many. QSL via W0RAA with a SASE.
TZ, MALI (Update)
Everything is a go for the members of the VooDoo Contest Group which will be active as TZ5A for the second year in a row during the 2006 CQWW CW Contest (November 25-26th) as a Multi/Multi entry. QSL via G3SXW. Operators mentioned are: Ed/AA7A, Roger/G3SXW, Fred/G4BWP, John/ G4IRN, Robert/GM3YTS, Vince/K5VT, Mike/KC7V and Lee/KY7M. The callsign TZ5A will be used only during the contest. During precontest activity, operators will operate with their own callsign, and each operator will handle their own QSLs.
VP8, ANTARCTICA
Alan, VK6CQ (aka VK0LD, VP8PJ anf 9V1DX), will be active again from the summer Base Camp at Patriot Hills, Ellsworth Land, until December 10th. He suggests the following frequencies on CW: 7003, 10103 and 14003 kHz. His equipment will be a Yaesu FT-897D w/100 watts into an unterminated Vee beam orientated at 011/191 degrees. He will be signing VP8PJ from Patriot Hills base. He mentions that the Chile Telecomm Authority has also issued him a reciprocal licence CE/VK0LD (the XQ prefix is issued to Chilean residents only).
WP2, U.S. VIRGIN ISLANDS
Kenji (Ken), JH3AIU/K2AJ (ex-JR3EDE), will be active as WP2AIU from November 20-24th. Activity will be on 160-10 meters, CW, SSB, RTTY and PSK. He will be mainly on 160/80 meters, the WARC bands and the Digital mode. QSL via JH3AIU.
XU, CAMBODIA
Operator Bruce, AA4XR, will be active as XU7ADF between November 23-29th. Activity will include the CQWW DX CW Contest (November 25-26th) as a Single-Op/Single-Band (band not provided)/Low-Power entry. QSL via AA4XR.
ZA, ALBANIA
Operators Tom/DL2RMC and Heiko/DL1RTL will be on a holiday expedition to here between November 8-13th. They plan to sign ZA/homecall and be active on 160-10 meters on all modes. Also, look for them in the WAE RTTY Contest. They will have two stations w/100 watts using yagis and verticals. QSL via their home callsigns, by the bureau or direct.
ZD9, TRISTAN DA CUNHA
Operator Brian, ZD9BCB, is expected to be active sometime this week from Gough Island (IOTA AF-030) until September 2007. No QSL route or bands/modes of activity were provided. Meanwhile, Andy, ZD9BV, continues to be active from the same island, especially on 20 and 17 meters SSB. There have been some QSNs reported on 10 meters. QSL only direct.
ZS3, SOUTH AFRICA
Joe, AA4NN, will be active as ZS3NN from the Northern Cape of South Africa two days prior to CQ WW CW Contest (November 25-26th). Activity will be on CW only 160-10 meters, plus the WARC bands. His location is on the beach south of Port Nolloth. During the CQWW DX CW Contest, he will be a Single-Op/All-Band/High-Power entry. QSL via AA4NN.

The Society can be contacted in the following ways: To Pat VK2JPA via patleeper at optusnet.com.au, or you can drop a line to PO Box 93 Toongabbie NSW 2146.
73’s from Pat VK2JPA broadcast Officer